


CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
3. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-1-12.
4. Depths shown are below LWRP\_14(88)

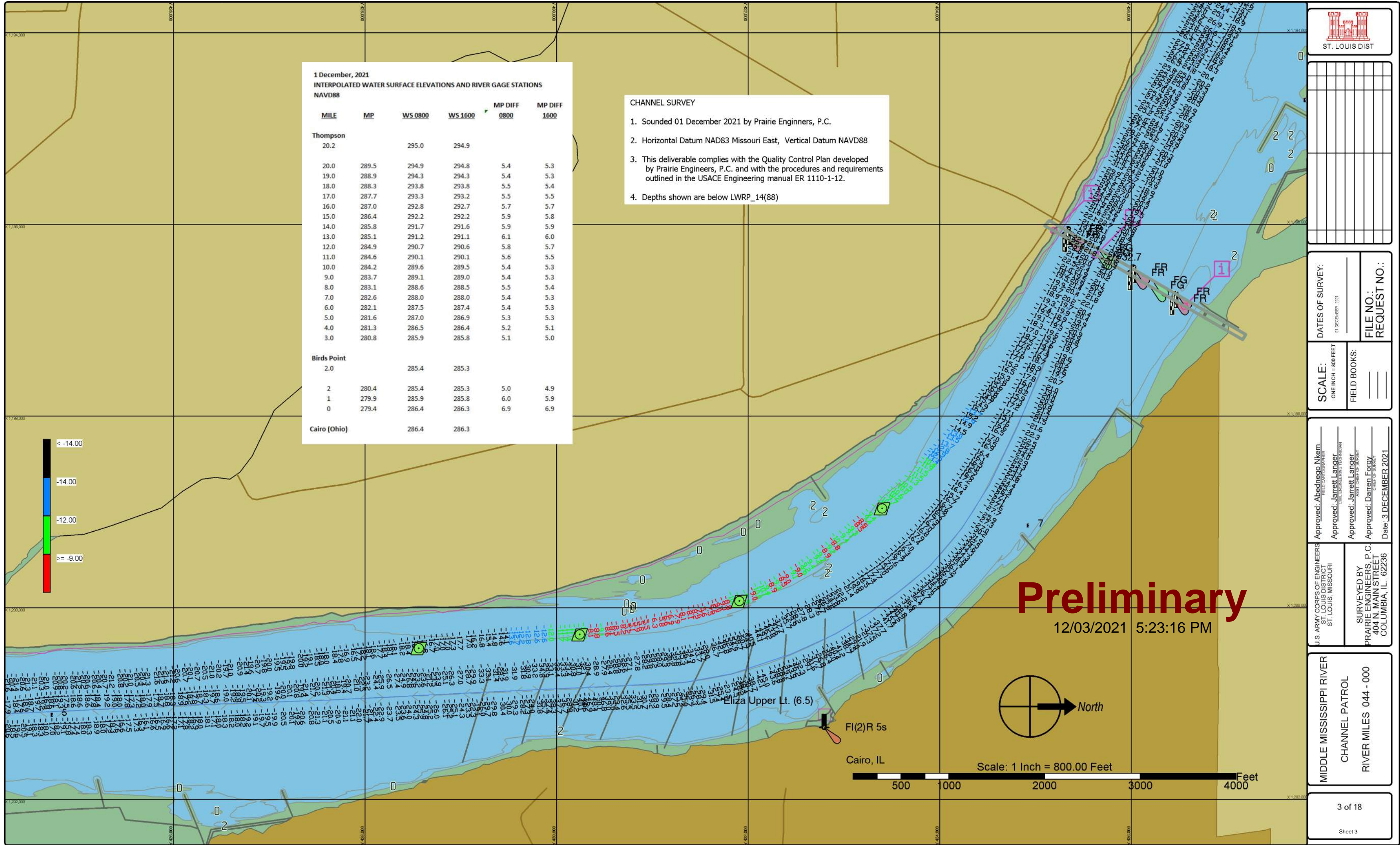
1 December, 2021  
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS  
NAVD88

MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thompson					
20.2		295.0	294.9		
20.0	289.5	294.9	294.8	5.4	5.3
19.0	288.9	294.3	294.3	5.4	5.3
18.0	288.3	293.8	293.8	5.5	5.4
17.0	287.7	293.3	293.2	5.5	5.5
16.0	287.0	292.8	292.7	5.7	5.7
15.0	286.4	292.2	292.2	5.9	5.8
14.0	285.8	291.7	291.6	5.9	5.9
13.0	285.1	291.2	291.1	6.1	6.0
12.0	284.9	290.7	290.6	5.8	5.7
11.0	284.6	290.1	290.1	5.6	5.5
10.0	284.2	289.6	289.5	5.4	5.3
9.0	283.7	289.1	289.0	5.4	5.3
8.0	283.1	288.6	288.5	5.5	5.4
7.0	282.6	288.0	288.0	5.4	5.3
6.0	282.1	287.5	287.4	5.4	5.3
5.0	281.6	287.0	286.9	5.3	5.3
4.0	281.3	286.5	286.4	5.2	5.1
3.0	280.8	285.9	285.8	5.1	5.0
Birds Point					
2.0		285.4	285.3		
2	280.4	285.4	285.3	5.0	4.9
1	279.9	285.9	285.8	6.0	5.9
0	279.4	286.4	286.3	6.9	6.9
Cairo (Ohio)					
		286.4	286.3		




ST. LOUIS DIST

DATES OF SURVEY: 81 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET		
FIELD BOOKS:		
Approved: Alednego Nkomo ST. LOUIS DISTRICT ST. LOUIS, MISSOURI		SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL. 62236
Approved: Jarrett Langer CIVIL ENGINEERING TECHNICIAN Approved: Jarrett Langer ASST. CHIEF OF SURVEY Approved: Darren Forcy CHIEF OF SURVEY Date: 3 DECEMBER 2021		
MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000		
2 of 18 Sheet 2		



1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thompson					
20.2		295.0	294.9		
20.0	289.5	294.9	294.8	5.4	5.3
19.0	288.9	294.3	294.3	5.4	5.3
18.0	288.3	293.8	293.8	5.5	5.4
17.0	287.7	293.3	293.2	5.5	5.5
16.0	287.0	292.8	292.7	5.7	5.7
15.0	286.4	292.2	292.2	5.9	5.8
14.0	285.8	291.7	291.6	5.9	5.9
13.0	285.1	291.2	291.1	6.1	6.0
12.0	284.9	290.7	290.6	5.8	5.7
11.0	284.6	290.1	290.1	5.6	5.5
10.0	284.2	289.6	289.5	5.4	5.3
9.0	283.7	289.1	289.0	5.4	5.3
8.0	283.1	288.6	288.5	5.5	5.4
7.0	282.6	288.0	288.0	5.4	5.3
6.0	282.1	287.5	287.4	5.4	5.3
5.0	281.6	287.0	286.9	5.3	5.3
4.0	281.3	286.5	286.4	5.2	5.1
3.0	280.8	285.9	285.8	5.1	5.0
Birds Point					
2.0		285.4	285.3		
2	280.4	285.4	285.3	5.0	4.9
1	279.9	285.9	285.8	6.0	5.9
0	279.4	286.4	286.3	6.9	6.9
Cairo (Ohio)					
		286.4	286.3		

- CHANNEL SURVEY
1. Sounded 01 December 2021 by Prairie Engineers, P.C.
  2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
  3. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-1-12.
  4. Depths shown are below LWRP\_14(88)

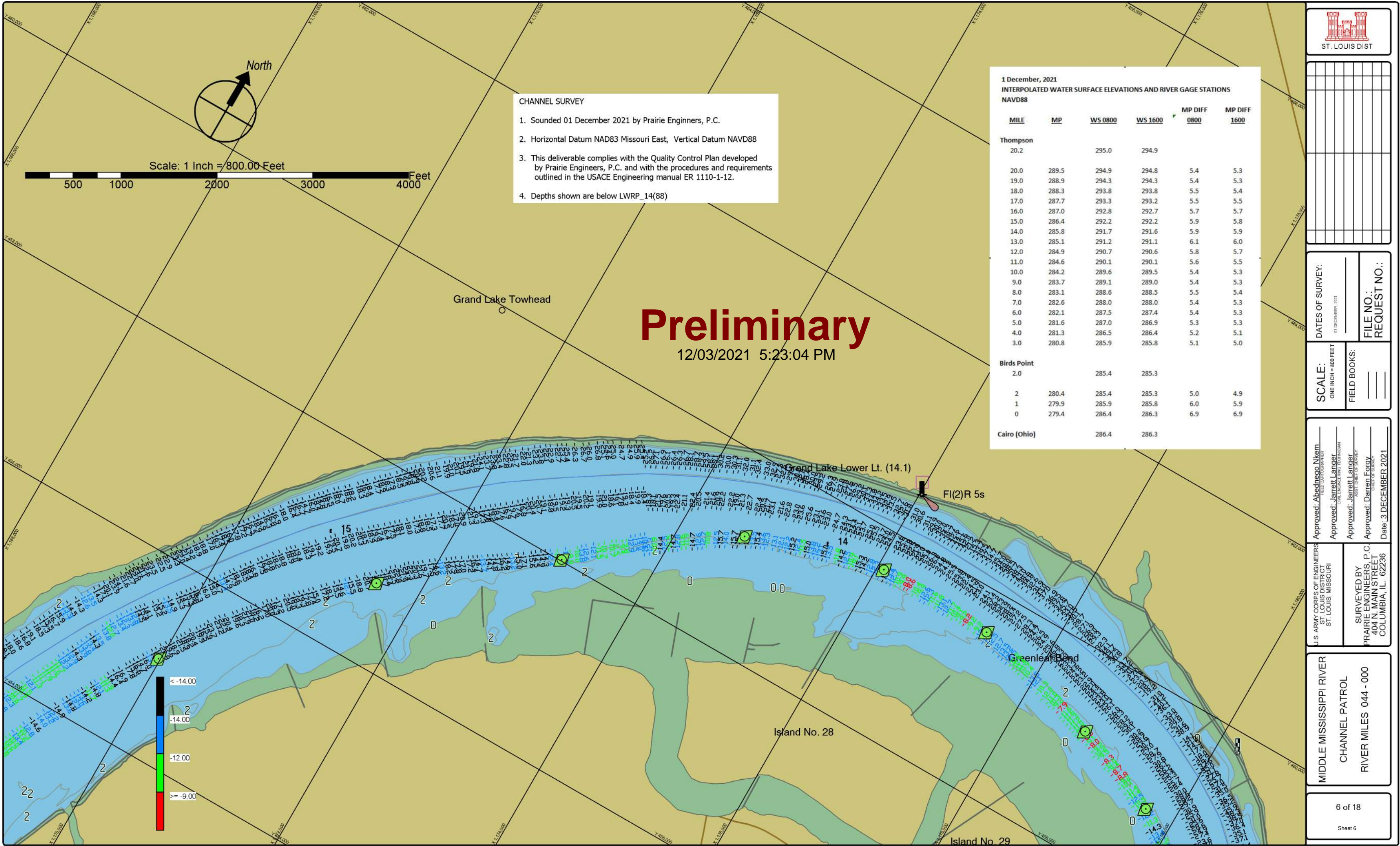


ST. LOUIS DIST

DATES OF SURVEY: 81 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET		
FIELD BOOKS:		
Approved: Alednego Nkem ST. LOUIS DISTRICT ST. LOUIS, MISSOURI		Approved: Jarrett Langer CIVIL ENGINEERING TESTIMONIAL ST. LOUIS, MISSOURI
SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236		Approved: Jarrett Langer CIVIL ENGINEERING TESTIMONIAL ST. LOUIS, MISSOURI
MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000		Approved: Darren Forcy CHIEF OF SURVEY Date: 3 DECEMBER 2021
3 of 18		
Sheet 3		








CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
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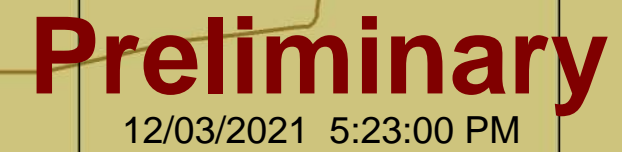
1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thompson					
20.2		295.0	294.9		
20.0	289.5	294.9	294.8	5.4	5.3
19.0	288.9	294.3	294.3	5.4	5.3
18.0	288.3	293.8	293.8	5.5	5.4
17.0	287.7	293.3	293.2	5.5	5.5
16.0	287.0	292.8	292.7	5.7	5.7
15.0	286.4	292.2	292.2	5.9	5.8
14.0	285.8	291.7	291.6	5.9	5.9
13.0	285.1	291.2	291.1	6.1	6.0
12.0	284.9	290.7	290.6	5.8	5.7
11.0	284.6	290.1	290.1	5.6	5.5
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9.0	283.7	289.1	289.0	5.4	5.3
8.0	283.1	288.6	288.5	5.5	5.4
7.0	282.6	288.0	288.0	5.4	5.3
6.0	282.1	287.5	287.4	5.4	5.3
5.0	281.6	287.0	286.9	5.3	5.3
4.0	281.3	286.5	286.4	5.2	5.1
3.0	280.8	285.9	285.8	5.1	5.0
Birds Point					
2.0		285.4	285.3		
2	280.4	285.4	285.3	5.0	4.9
1	279.9	285.9	285.8	6.0	5.9
0	279.4	286.4	286.3	6.9	6.9
Cairo (Ohio)					
		286.4	286.3		



ST. LOUIS DIST

DATES OF SURVEY: 01 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET		
FIELD BOOKS:		
Approved: Aleshono Nkem ST. LOUIS DISTRICT U.S. ARMY CORPS OF ENGINEERS		SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236
Approved: Jarrett Langer CIVIL ENGINEERING TESTIMONIAL ST. LOUIS, MISSOURI		
Approved: Jarrett Langer ASSIST. CHIEF OF SURVEY		MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000
Approved: Darren Forcy CHIEF OF SURVEY Date: 3 DECEMBER 2021		

6 of 18  
Sheet 6



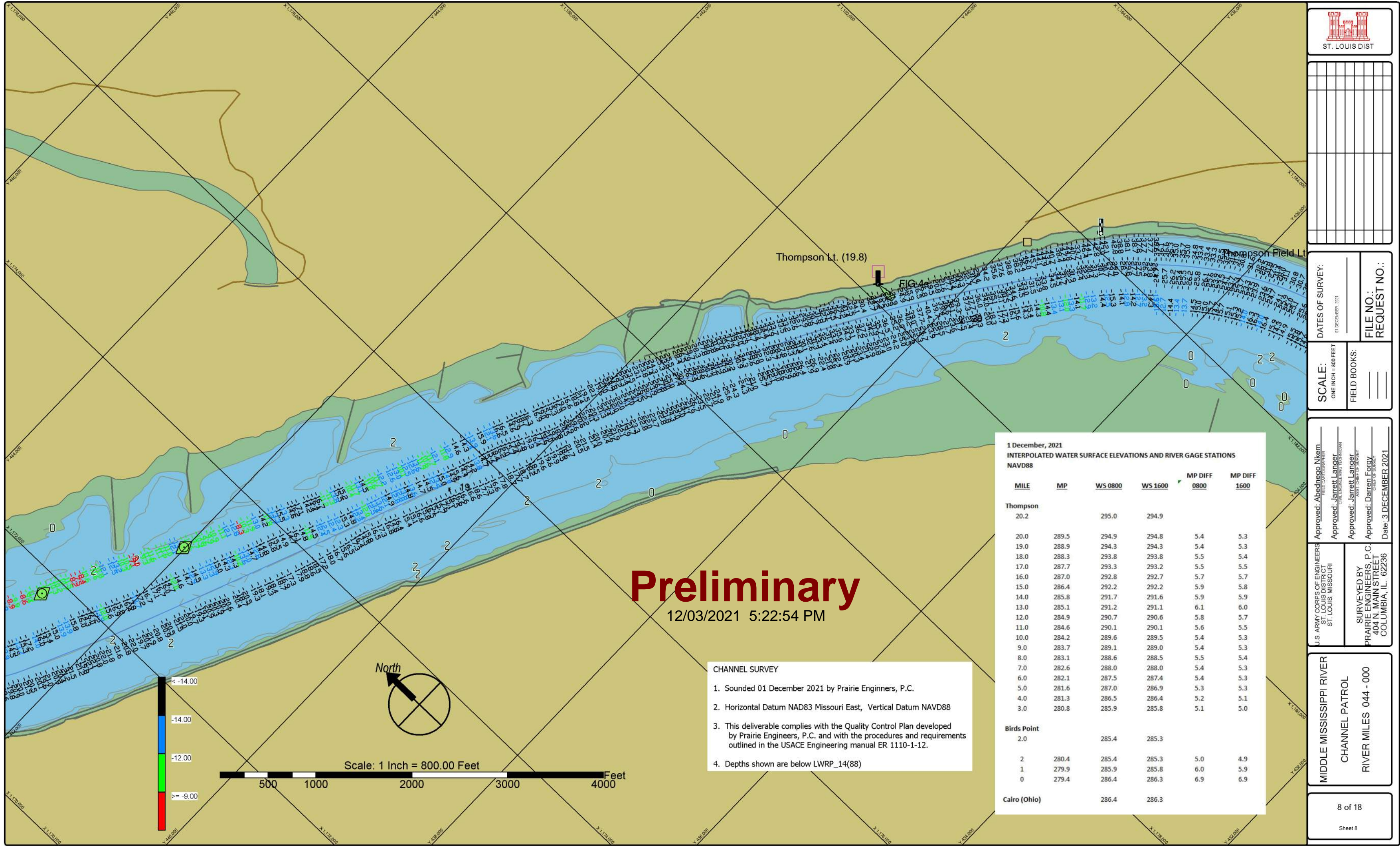
Thompson Towhead  
○

1. Sounded 01 December 2021 by Prairie Engineers, P.C.
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4. Depths shown are below LWRP\_14(88)

	<u>MILE</u>	<u>MP</u>	<u>WS 0800</u>	<u>WS 1600</u>	<u>0800</u>
<b>Thompson</b>					
	20.2		295.0	294.9	
	20.0	289.5	294.9	294.8	5.4
	19.0	288.9	294.3	294.3	5.4
	18.0	288.3	293.8	293.8	5.5
	17.0	287.7	293.3	293.2	5.5
	16.0	287.0	292.8	292.7	5.7
	15.0	286.4	292.2	292.2	5.9
	14.0	285.8	291.7	291.6	5.9
	13.0	285.1	291.2	291.1	6.1
	12.0	284.9	290.7	290.6	5.8
	11.0	284.6	290.1	290.1	5.6
	10.0	284.2	289.6	289.5	5.4
	9.0	283.7	289.1	289.0	5.4
	8.0	283.1	288.6	288.5	5.5
	7.0	282.6	288.0	288.0	5.4
	6.0	282.1	287.5	287.4	5.4
	5.0	281.6	287.0	286.9	5.3
	4.0	281.3	286.5	286.4	5.2
	3.0	280.8	285.9	285.8	5.1
<b>Birds Point</b>					
	2.0		285.4	285.3	
	2	280.4	285.4	285.3	5.0
	1	279.9	285.9	285.8	6.0
	0	279.4	286.4	286.3	6.9
<b>Cairo (Ohio)</b>			286.4	286.3	

U.S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL. 62236
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Sheet 7



Preliminary

12/03/2021 5:22:54 PM

CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
3. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-1-12.
4. Depths shown are below LWRP\_14(88)

1 December, 2021  
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS  
NAVD88

MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thompson					
20.2		295.0	294.9		
20.0	289.5	294.9	294.8	5.4	5.3
19.0	288.9	294.3	294.3	5.4	5.3
18.0	288.3	293.8	293.8	5.5	5.4
17.0	287.7	293.3	293.2	5.5	5.5
16.0	287.0	292.8	292.7	5.7	5.7
15.0	286.4	292.2	292.2	5.9	5.8
14.0	285.8	291.7	291.6	5.9	5.9
13.0	285.1	291.2	291.1	6.1	6.0
12.0	284.9	290.7	290.6	5.8	5.7
11.0	284.6	290.1	290.1	5.6	5.5
10.0	284.2	289.6	289.5	5.4	5.3
9.0	283.7	289.1	289.0	5.4	5.3
8.0	283.1	288.6	288.5	5.5	5.4
7.0	282.6	288.0	288.0	5.4	5.3
6.0	282.1	287.5	287.4	5.4	5.3
5.0	281.6	287.0	286.9	5.3	5.3
4.0	281.3	286.5	286.4	5.2	5.1
3.0	280.8	285.9	285.8	5.1	5.0
Birds Point					
2.0		285.4	285.3		
2	280.4	285.4	285.3	5.0	4.9
1	279.9	285.9	285.8	6.0	5.9
0	279.4	286.4	286.3	6.9	6.9
Cairo (Ohio)					
		286.4	286.3		



ST. LOUIS DIST

DATES OF SURVEY:

81 DECEMBER, 2021

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Alednogo Nkem

Approved: Jarrett Langer

Approved: Jarrett Langer

Approved: Darren Forcy

Date: 3 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS

ST. LOUIS DISTRICT

ST. LOUIS, MISSOURI

SURVEYED BY

PRairie ENGINEERS, P.C.

404 N. MAIN STREET

COLUMBIA, IL. 62236

MIDDLE MISSISSIPPI RIVER

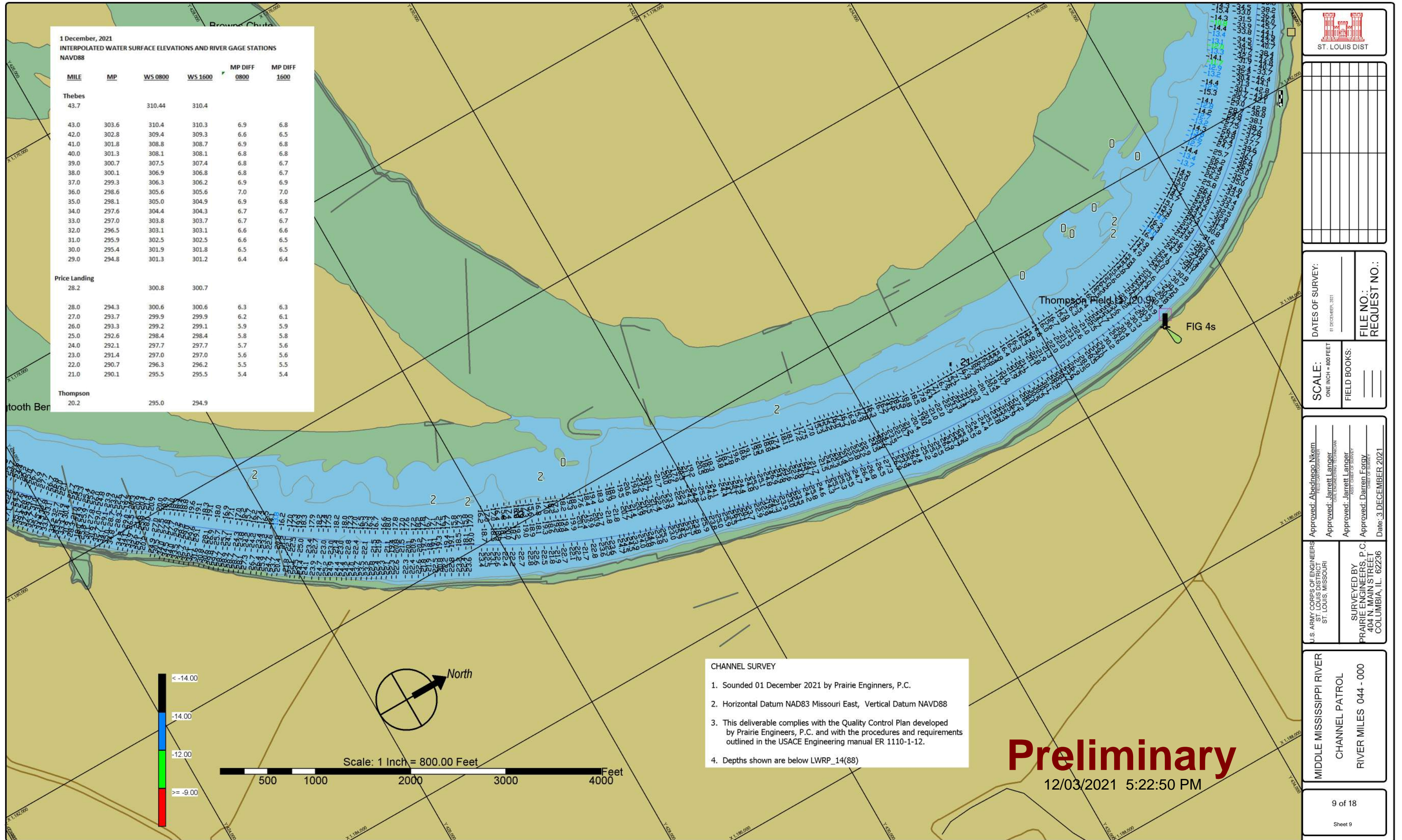
CHANNEL PATROL

RIVER MILES 044 - 000

8 of 18

Sheet 8

MILE	MP	WS 0800	WS 1600	MP DIFF	
				0800	1600
<b>Thebes</b>					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
42.0	302.8	309.4	309.3	6.6	6.5
41.0	301.8	308.8	308.7	6.9	6.8
40.0	301.3	308.1	308.1	6.8	6.8
39.0	300.7	307.5	307.4	6.8	6.7
38.0	300.1	306.9	306.8	6.8	6.7
37.0	299.3	306.3	306.2	6.9	6.9
36.0	298.6	305.6	305.6	7.0	7.0
35.0	298.1	305.0	304.9	6.9	6.8
34.0	297.6	304.4	304.3	6.7	6.7
33.0	297.0	303.8	303.7	6.7	6.7
32.0	296.5	303.1	303.1	6.6	6.6
31.0	295.9	302.5	302.5	6.6	6.5
30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
<b>Price Landing</b>					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
26.0	293.3	299.2	299.1	5.9	5.9
25.0	292.6	298.4	298.4	5.8	5.8
24.0	292.1	297.7	297.7	5.7	5.6
23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
<b>Thompson</b>					
20.2		295.0	294.9		



# Preliminary

12/03/2021 5:22:50 PM



CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Engineers, P.C.
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4. Depths shown are below LWRP\_14(88)

Hacker Towhead

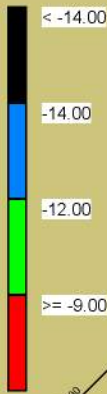
Brooks Point Lt. (25.8)

FI(2)R 5s

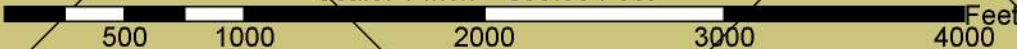
Brooks Point

Buffalo Island

Bryant Ldg



Scale: 1 Inch = 800.00 Feet



**Preliminary**

12/03/2021 5:22:42 PM

1 December, 2021  
INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS  
NAVD88

MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
<b>Thebes</b>					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
42.0	302.8	309.4	309.3	6.6	6.5
41.0	301.8	308.8	308.7	6.9	6.8
40.0	301.3	308.1	308.1	6.8	6.8
39.0	300.7	307.5	307.4	6.8	6.7
38.0	300.1	306.9	306.8	6.8	6.7
37.0	299.3	306.3	306.2	6.9	6.9
36.0	298.6	305.6	305.6	7.0	7.0
35.0	298.1	305.0	304.9	6.9	6.8
34.0	297.6	304.4	304.3	6.7	6.7
33.0	297.0	303.8	303.7	6.7	6.7
32.0	296.5	303.1	303.1	6.6	6.6
31.0	295.9	302.5	302.5	6.6	6.5
30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
<b>Price Landing</b>					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
26.0	293.3	299.2	299.1	5.9	5.9
25.0	292.6	298.4	298.4	5.8	5.8
24.0	292.1	297.7	297.7	5.7	5.6
23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
<b>Thompson</b>					
20.2		295.0	294.9		



ST. LOUIS DIST

DATES OF SURVEY:  
01 DECEMBER, 2021

SCALE:  
ONE INCH = 800 FEET

FILE NO.:  
REQUEST NO.:

FIELD BOOKS:

Approved: Aledhogo Nkomo  
CHIEF OF SURVEY

Approved: Jarrett Langer  
CHIEF OF SURVEY

Approved: Jarrett Langer  
CHIEF OF SURVEY

Approved: Darren Forcy  
CHIEF OF SURVEY

Date: 3 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS  
ST. LOUIS DISTRICT  
ST. LOUIS, MISSOURI

SURVEYED BY  
PRAIRIE ENGINEERS, P.C.  
404 N. MAIN STREET  
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER  
CHANNEL PATROL

RIVER MILES 044 - 000

11 of 18

Sheet 11

CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Engineers, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
3. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-1-12.
4. Depths shown are below LWRP\_14(88)

North

Scale: 1 Inch = 800.00 Feet

500 1000 2000 3000 4000 Feet



ST. LOUIS DIST

DATES OF SURVEY:

01 DECEMBER, 2021

FILE NO.:

REQUEST NO.:

SCALE:

ONE INCH = 800 FEET

FIELD BOOKS:

Approved: Aledhogo Nkem

Approved: Jarrett Langer

Approved: Jarrett Langer

Approved: Darren Forcy

Date: 3 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS

ST. LOUIS DISTRICT

ST. LOUIS, MISSOURI

SURVEYED BY

PRAIRIE ENGINEERS, P.C.

404 N. MAIN STREET

COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER

CHANNEL PATROL

RIVER MILES 044 - 000

12 of 18

Sheet 12

1 December, 2021

INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS  
NAVD88

MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
42.0	302.8	309.4	309.3	6.6	6.5
41.0	301.8	308.8	308.7	6.9	6.8
40.0	301.3	308.1	308.1	6.8	6.8
39.0	300.7	307.5	307.4	6.8	6.7
38.0	300.1	306.9	306.8	6.8	6.7
37.0	299.3	306.3	306.2	6.9	6.9
36.0	298.6	305.6	305.6	7.0	7.0
35.0	298.1	305.0	304.9	6.9	6.8
34.0	297.6	304.4	304.3	6.7	6.7
33.0	297.0	303.8	303.7	6.7	6.7
32.0	296.5	303.1	303.1	6.6	6.6
31.0	295.9	302.5	302.5	6.6	6.5
30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
Price Landing					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
26.0	293.3	299.2	299.1	5.9	5.9
25.0	292.6	298.4	298.4	5.8	5.8
24.0	292.1	297.7	297.7	5.7	5.6
23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
Thompson					
20.2		295.0	294.9		

FIG 6s (priv)

FIG 6s (priv)

Wilbourne Island

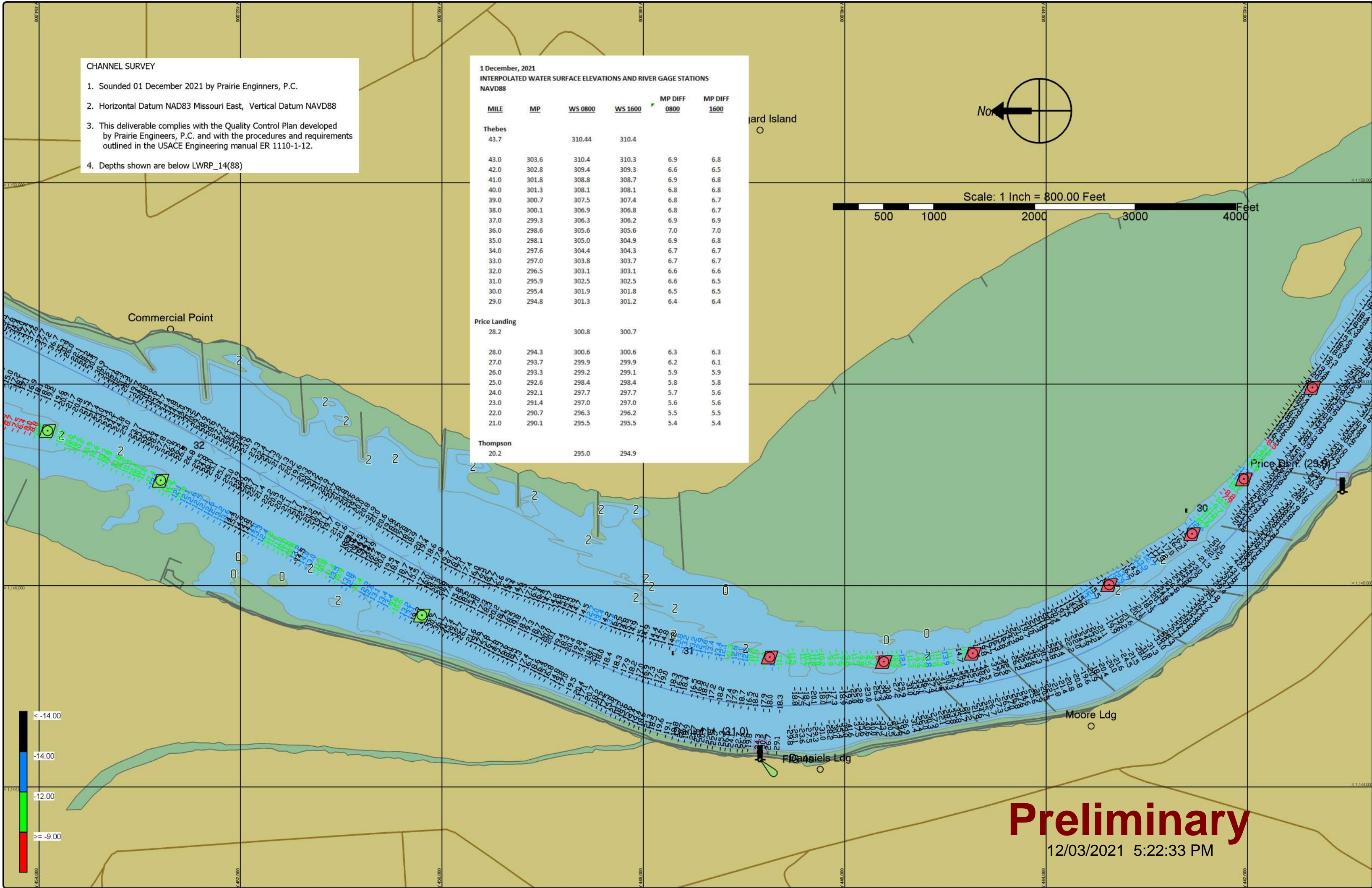
Preliminary

12/03/2021 5:22:38 PM


CHANNEL SURVEY

1. Sounded 01 December 2021 by Prairie Enginners, P.C.
2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
3. This deliverable complies with the Quality Control Plan developed by Prairie Engineers, P.C. and with the procedures and requirements outlined in the USACE Engineering manual ER 1110-1-12.
4. Depths shown are below LWRP\_14(88)

1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
42.0	302.8	309.4	309.3	6.6	6.5
41.0	301.8	308.8	308.7	6.9	6.8
40.0	301.3	308.1	308.1	6.8	6.8
39.0	300.7	307.5	307.4	6.8	6.7
38.0	300.1	306.9	306.8	6.8	6.7
37.0	299.3	306.3	306.2	6.9	6.9
36.0	298.6	305.6	305.6	7.0	7.0
35.0	298.1	305.0	304.9	6.9	6.8
34.0	297.6	304.4	304.3	6.7	6.7
33.0	297.0	303.8	303.7	6.7	6.7
32.0	296.5	303.1	303.1	6.6	6.6
31.0	295.9	302.5	302.5	6.6	6.5
30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
Price Landing					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
26.0	293.3	299.2	299.1	5.9	5.9
25.0	292.6	298.4	298.4	5.8	5.8
24.0	292.1	297.7	297.7	5.7	5.6
23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
Thompson					
20.2		295.0	294.9		

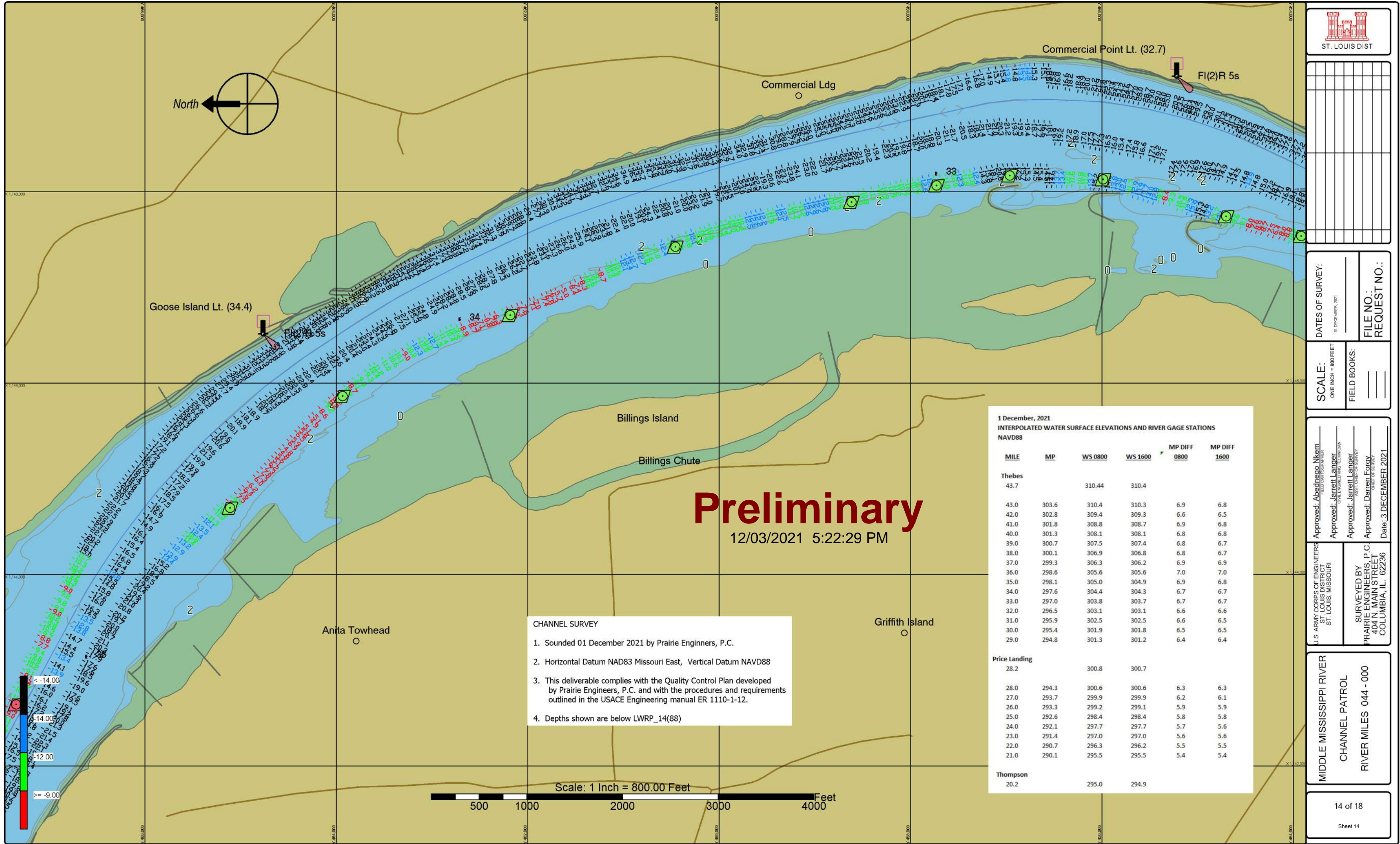


**Preliminary**  
12/03/2021 5:22:33 PM




ST. LOUIS DIST

DATES OF SURVEY: 81 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET	FIELD BOOKS:	
Approved: Aledhogo Nkem CHIEF OF SURVEY		
Approved: Jarrett Langer CIVIL ENGINEERING TESTIFICATION		
Approved: Jarrett Langer ASST CHIEF OF SURVEY		
Approved: Darren Forcy CHIEF OF SURVEY		
Date: 3 DECEMBER 2021		
U.S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL. 62236	
MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000		
13 of 18 Sheet 13		



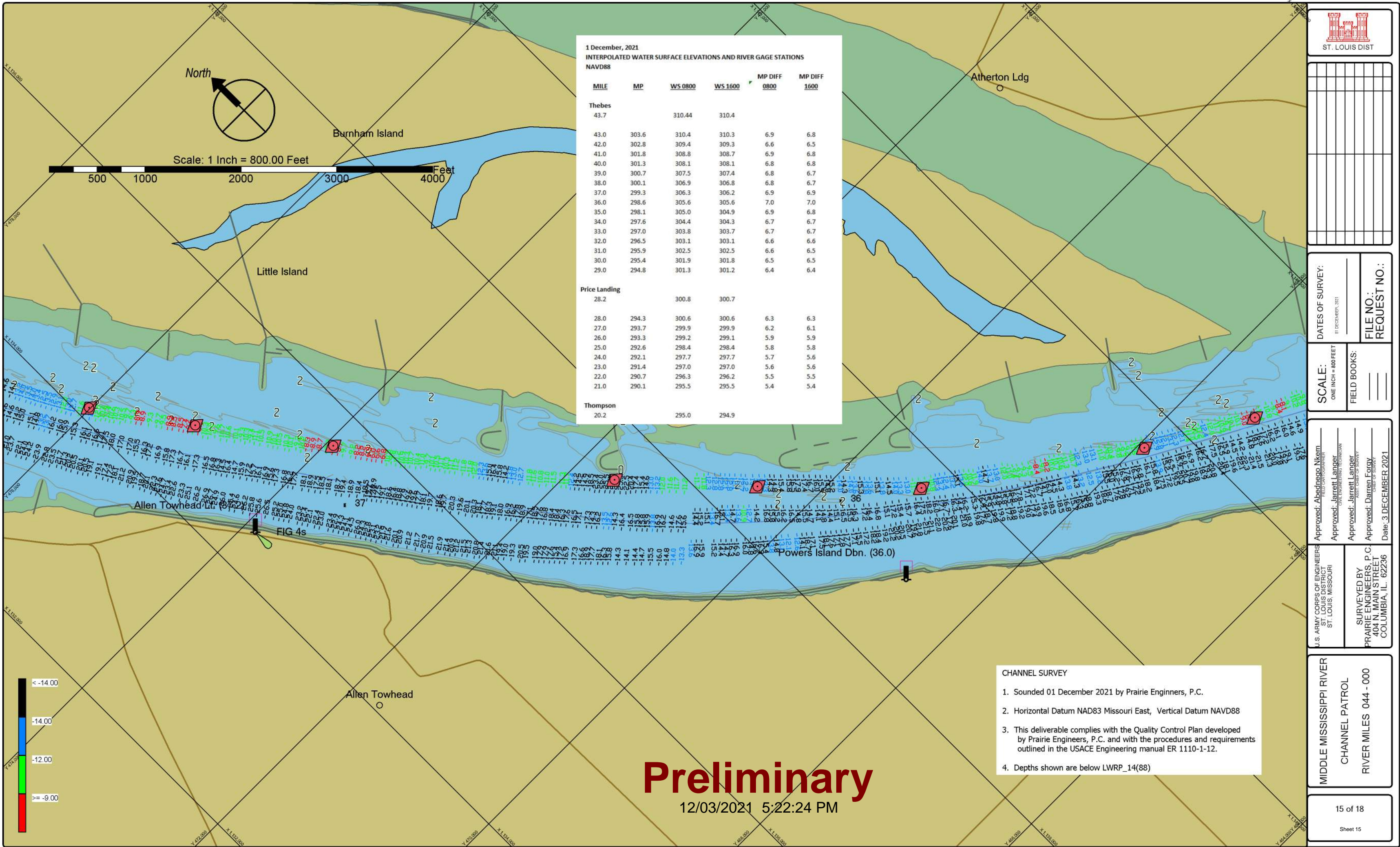
- CHANNEL SURVEY
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  2. Horizontal Datum NAD83 Missouri East, Vertical Datum NAVD88
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1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
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36.0	298.6	305.6	305.6	7.0	7.0
35.0	298.1	305.0	304.9	6.9	6.8
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30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
Price Landing					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
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23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
Thompson					
20.2		295.0	294.9		



ST. LOUIS DIST


DATES OF SURVEY: 81 DECEMBER, 2021	FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET	FIELD BOOKS:
Approved: Aledhago Nkem ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	APPROVED BY: PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236
MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000	
14 of 18 Sheet 14	



1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
42.0	302.8	309.4	309.3	6.6	6.5
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38.0	300.1	306.9	306.8	6.8	6.7
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35.0	298.1	305.0	304.9	6.9	6.8
34.0	297.6	304.4	304.3	6.7	6.7
33.0	297.0	303.8	303.7	6.7	6.7
32.0	296.5	303.1	303.1	6.6	6.6
31.0	295.9	302.5	302.5	6.6	6.5
30.0	295.4	301.9	301.8	6.5	6.5
29.0	294.8	301.3	301.2	6.4	6.4
Price Landing					
28.2		300.8	300.7		
28.0	294.3	300.6	300.6	6.3	6.3
27.0	293.7	299.9	299.9	6.2	6.1
26.0	293.3	299.2	299.1	5.9	5.9
25.0	292.6	298.4	298.4	5.8	5.8
24.0	292.1	297.7	297.7	5.7	5.6
23.0	291.4	297.0	297.0	5.6	5.6
22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
Thompson					
20.2		295.0	294.9		

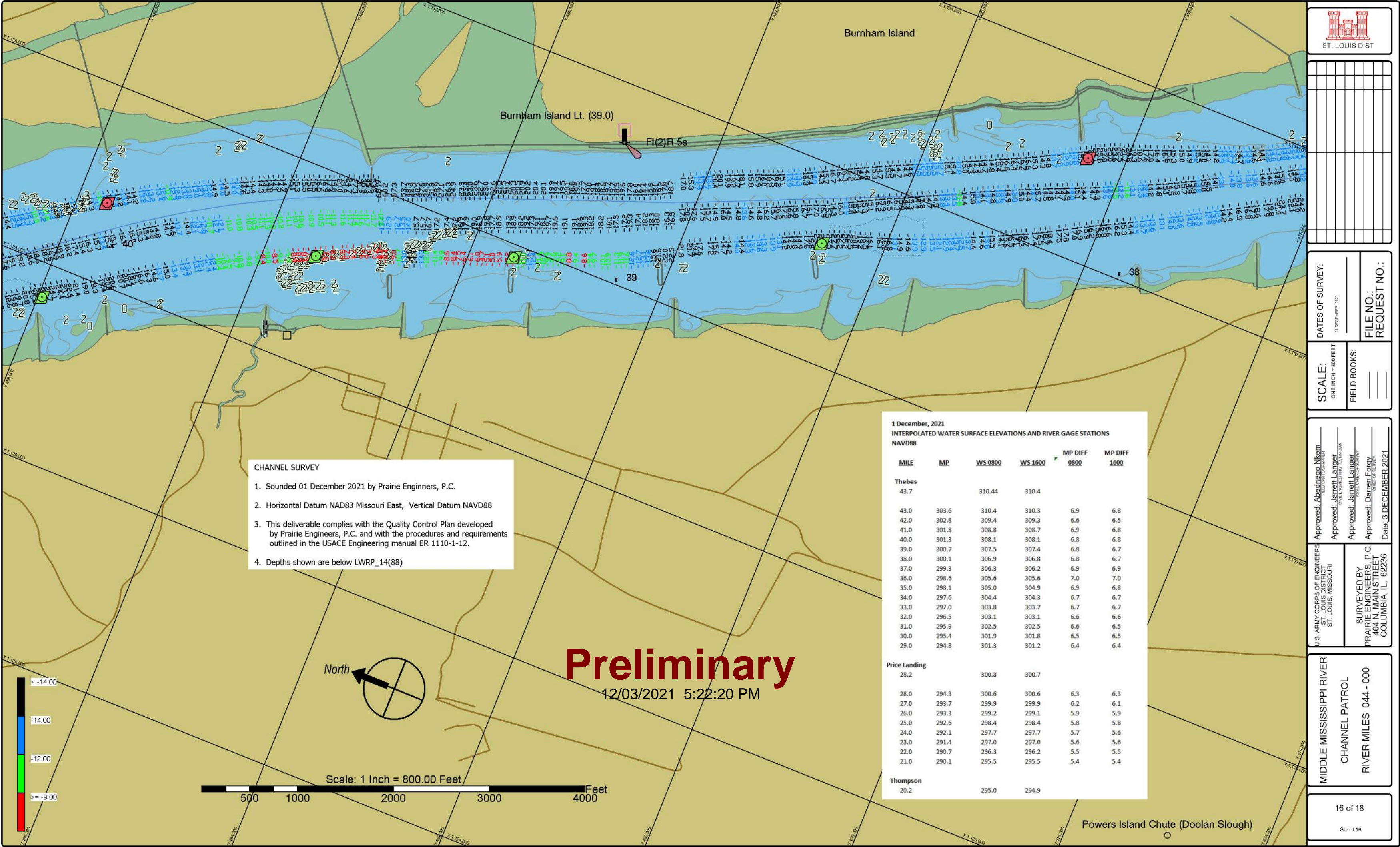
Preliminary  
12/03/2021 5:22:24 PM

- CHANNEL SURVEY
1. Sounded 01 December 2021 by Prairie Engineers, P.C.
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  4. Depths shown are below LWRP\_14(88)



ST. LOUIS DIST


DATES OF SURVEY: 01 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET	FIELD BOOKS:	
Approved: Aledhago Nkem SOUNDING ENGINEER		Date: 3 DECEMBER 2021
Approved: Jarrett Langer CIVIL ENGINEERING TESTIMONIAN		
Approved: Jarrett Langer ASST CHIEF OF SURVEY		
Approved: Darren Forcy CHIEF OF SURVEY		
U.S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT ST. LOUIS, MISSOURI	SURVEYED BY PRAIRIE ENGINEERS, P.C. 404 N. MAIN STREET COLUMBIA, IL 62236	
MIDDLE MISSISSIPPI RIVER CHANNEL PATROL RIVER MILES 044 - 000		
15 of 18 Sheet 15		



- CHANNEL SURVEY
1. Sounded 01 December 2021 by Prairie Enginners, P.C.
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  4. Depths shown are below LWRP\_14(88)

1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
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37.0	299.3	306.3	306.2	6.9	6.9
36.0	298.6	305.6	305.6	7.0	7.0
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22.0	290.7	296.3	296.2	5.5	5.5
21.0	290.1	295.5	295.5	5.4	5.4
Thompson					
20.2		295.0	294.9		

Preliminary  
12/03/2021 5:22:20 PM



ST. LOUIS DIST

DATES OF SURVEY: 81 DECEMBER, 2021		FILE NO.: REQUEST NO.:
SCALE: ONE INCH = 800 FEET	FIELD BOOKS:	

Approved: Aledhogo Nkomo  
ST. LOUIS DISTRICT  
ST. LOUIS, MISSOURI

Approved: Jarrett Langer  
CIVIL ENGINEERING TECHNICIAN

Approved: Jarrett Langer  
ASST CHIEF OF SURVEY

Approved: Darren Forcy  
CHIEF OF SURVEY

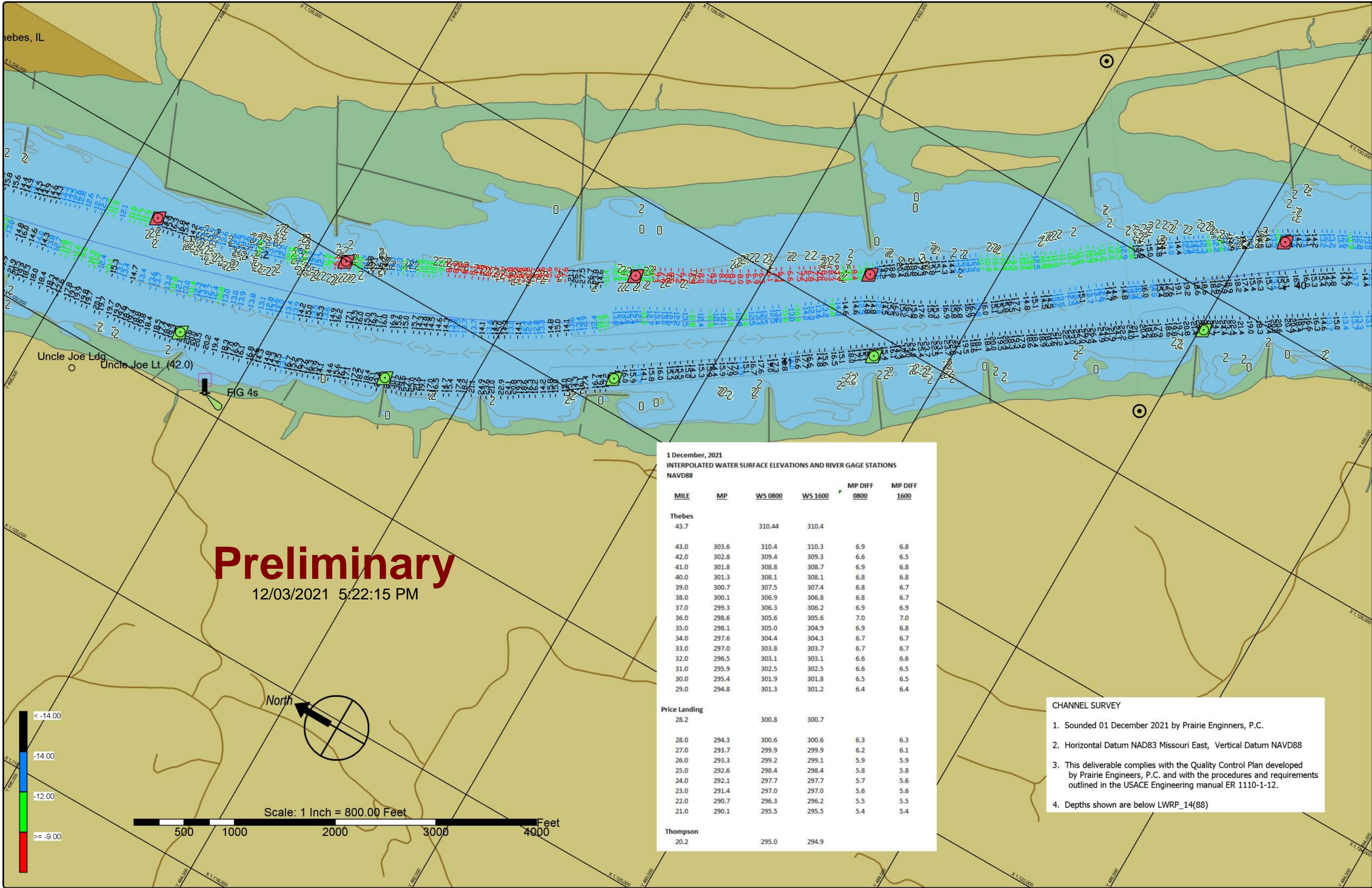
Date: 3 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS  
ST. LOUIS DISTRICT  
ST. LOUIS, MISSOURI

SURVEYED BY  
PRAIRIE ENGINEERS, P.C.  
404 N. MAIN STREET  
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER  
CHANNEL PATROL  
RIVER MILES 044 - 000


16 of 18  
Sheet 16



**Preliminary**  
12/03/2021 5:22:15 PM

1 December, 2021 INTERPOLATED WATER SURFACE ELEVATIONS AND RIVER GAGE STATIONS NAVD88					
MILE	MP	WS 0800	WS 1600	MP DIFF 0800	MP DIFF 1600
Thebes					
43.7		310.44	310.4		
43.0	303.6	310.4	310.3	6.9	6.8
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Thompson					
20.2		295.0	294.9		

- CHANNEL SURVEY
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ST. LOUIS DIST

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SCALE: ONE INCH = 800 FEET		
FIELD BOOKS:		

Approved: Aledhogo Nkomo  
CHIEF OF SURVEY

Approved: Jarrett Langer  
CIVIL ENGINEERING TESTIFICATION

Approved: Jarrett Langer  
ASST CHIEF OF SURVEY

Approved: Darren Forcy  
CHIEF OF SURVEY

Date: 3 DECEMBER 2021

U.S. ARMY CORPS OF ENGINEERS  
ST. LOUIS DISTRICT  
ST. LOUIS, MISSOURI

SURVEYED BY  
PRAIRIE ENGINEERS, P.C.  
404 N. MAIN STREET  
COLUMBIA, IL 62236

MIDDLE MISSISSIPPI RIVER  
CHANNEL PATROL  
RIVER MILES 044 - 000

17 of 18  
Sheet 17

